

**US-PAT-NO: 5901142**

**DOCUMENT-IDENTIFIER: US 5901142 A**

**TITLE: Method and apparatus for providing  
packet data communications to a communication unit in  
a radio communication system**

**----- KWIC -----**

**Detailed Description Text - DETX (15):**

**The communication unit 120 preferably determines which base site service coverage area 133-139 or location area 150-151 the communication unit 120 is currently located in based on broadcast control channel transmissions from the base sites 103-109. In a preferred embodiment, each base site transmits its base site identification and location area identification to communication units in its service coverage area over a broadcast control channel every few seconds (e.g., ten seconds) depending on the message**

**load of the broadcast  
control channel. Upon receiving the base site and  
location area  
identifications, the communication unit 120 knows  
whether or not it has changed  
service coverage areas or location areas and determines  
whether or not to  
register based on its mobility status.**

**Current US Cross Reference Classification - CCXR (3):  
455/456.1**